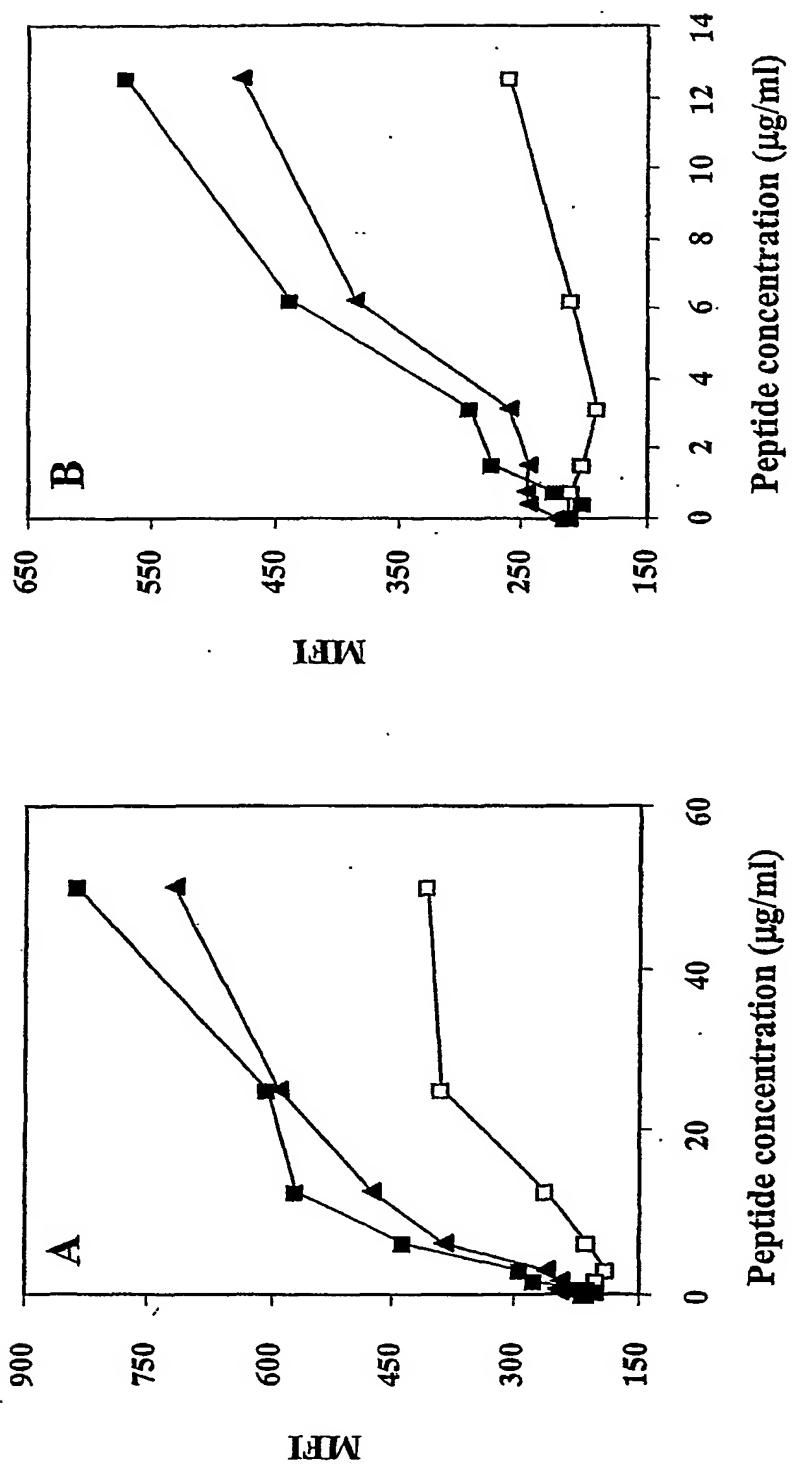
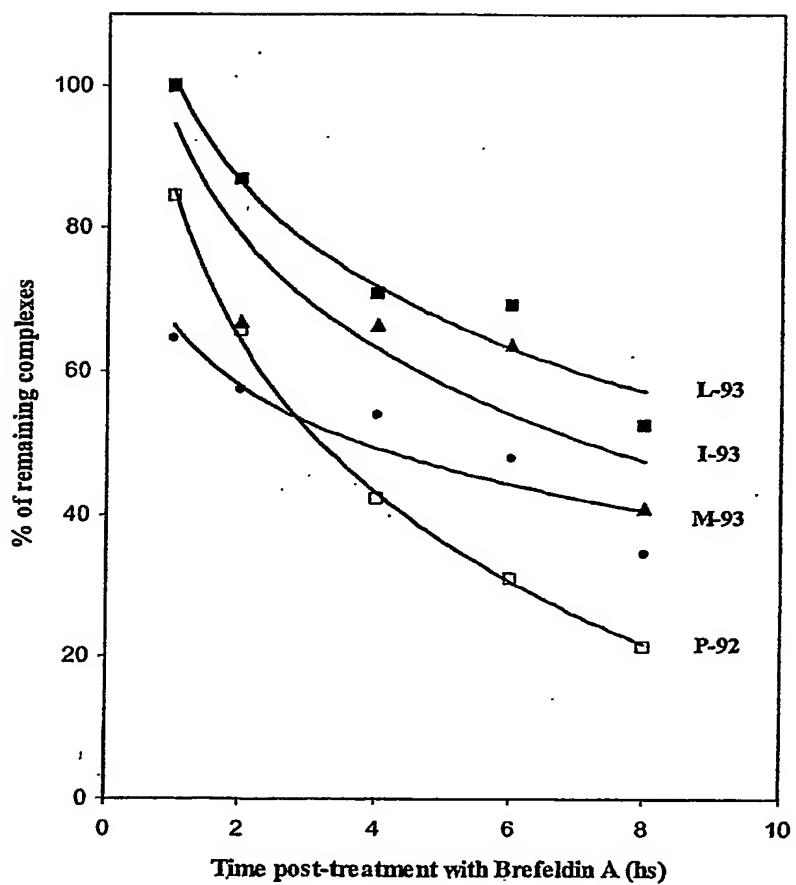


1/10

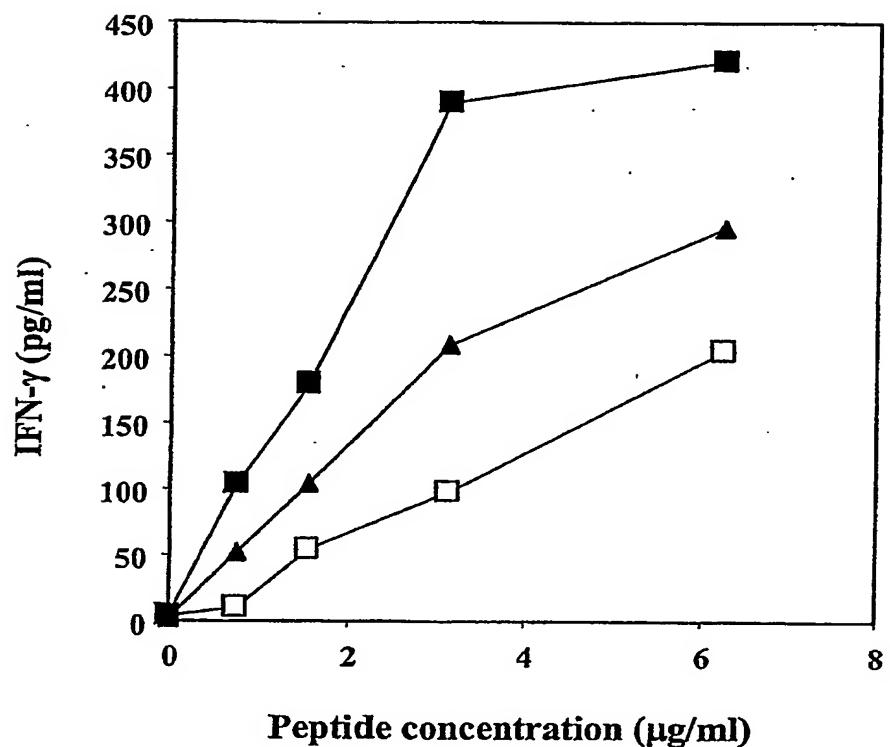
Figure 1A
Figure 1B



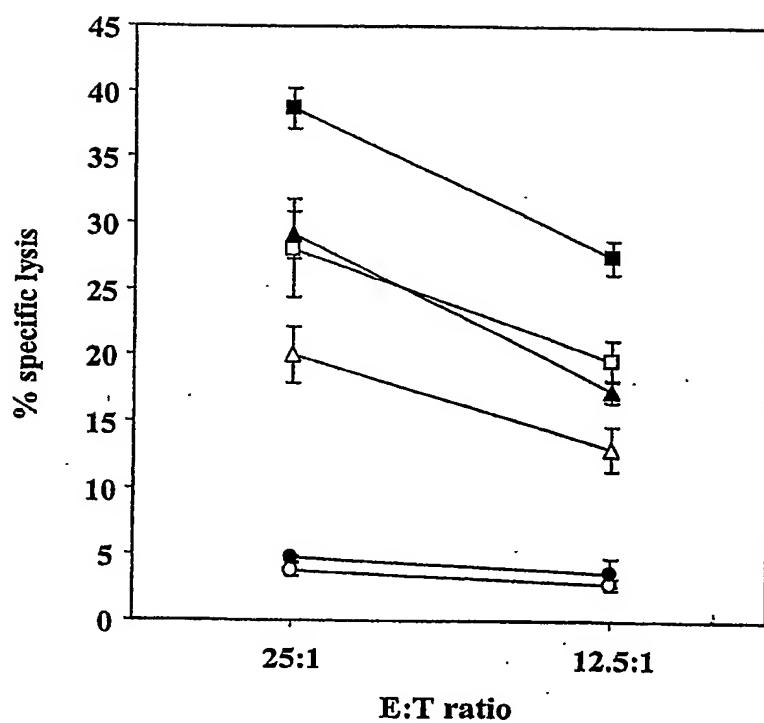
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Figure 2

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Figure 3

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Figure 4

<i>Virus</i>	<i>Designation</i>	<i>Promoters/Transgenes</i>
rV-CEA(6D)/B7-1/ICAM-1/LFA-3	rV-CEA(6D)/TRICOM	p40 CEA(6D) p30 LFA-3 B ICAM-1 sEL B7-1
rF-CEA(6D)/B7-1/ICAM-1/LFA-3	rF-CEA(6D)/TRICOM	p40 CEA(6D) p30 LFA-3 B ICAM-1 sEL B7-1
rF-MUC-1/B7-1/ICAM-1/LFA-3	rF-MUC-1/TRICOM	p40 MUC-1 p30 LFA-3 B ICAM-1 sEL B7-1
rV-CEA/MUC/TRICOM	rV-CEA/MUC-1(93L)/B7-1/ICAM-1/LFA-3	p40 CEA(6D) sEL MUC-1(93L) p30 LFA-3 B ICAM-1 sEL B7-1
rF-CEA(6D)/MUC-1(93L)/B7-1/ICAM-1/LFA-3	rF-CEA/MUC/TRICOM	p40 CEA(6D) sEL MUC-1(93L) p30 LFA-3 B ICAM-1 sEL B7-1

Figure 5

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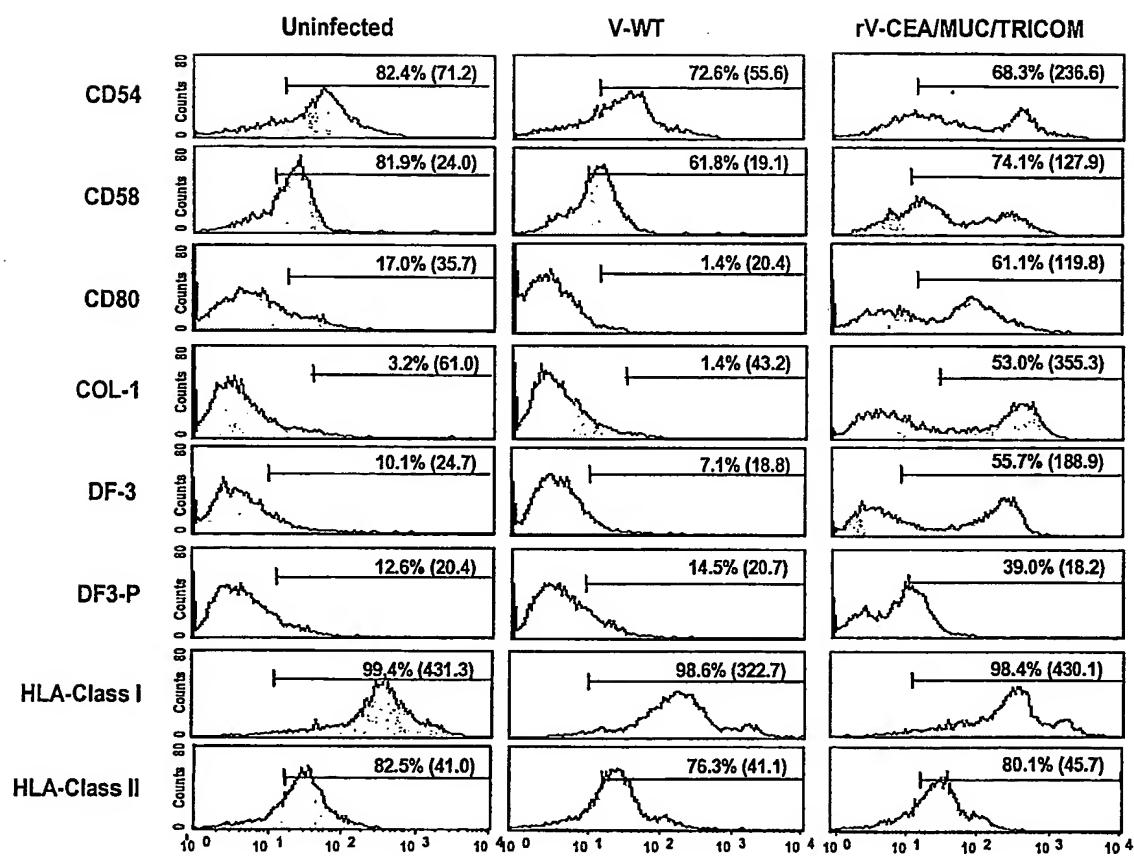


Figure 6

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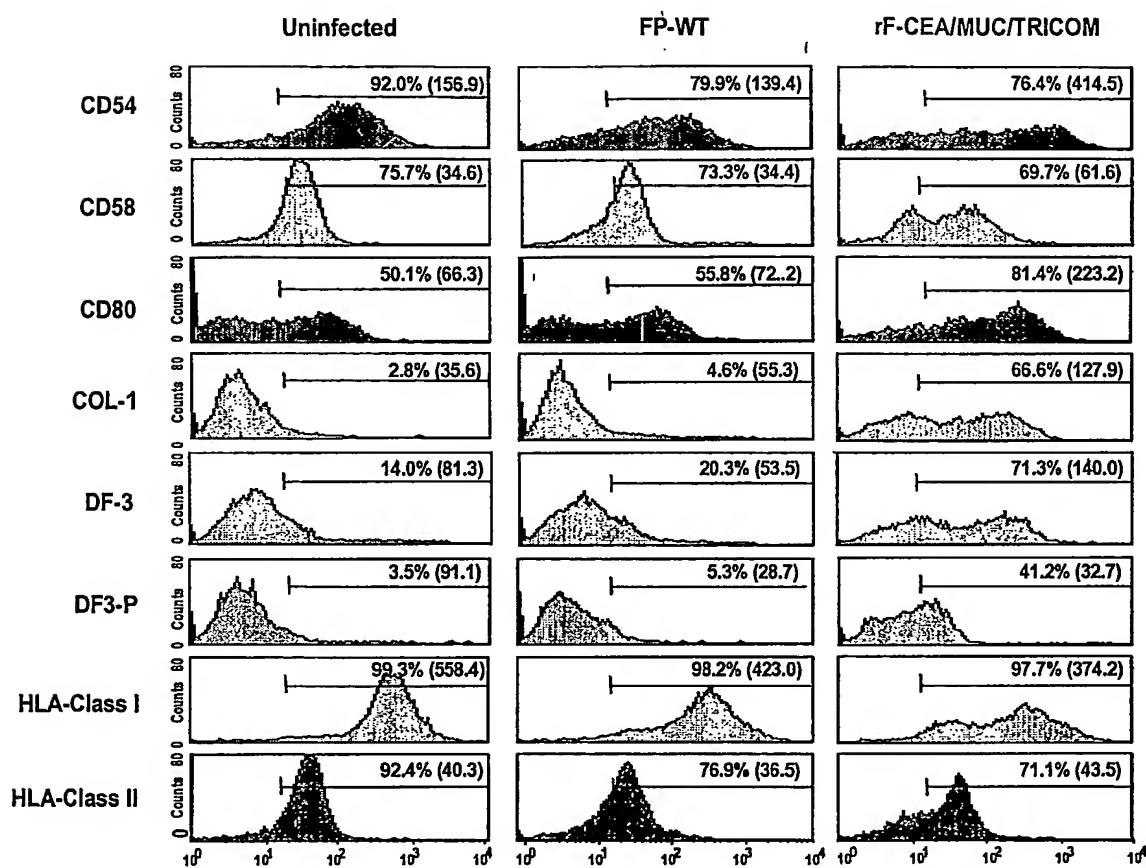
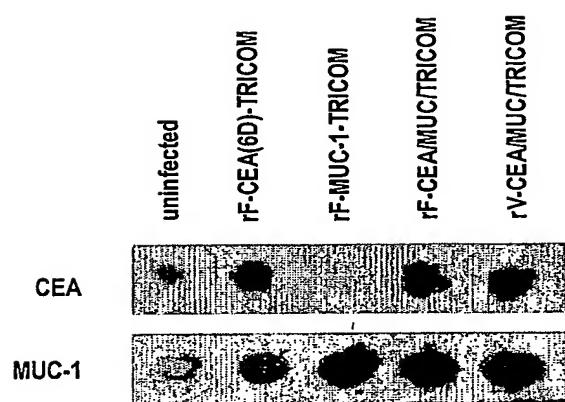


Figure 7

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**Figure 8**

1 ATGACCCGGG GCAACCGATC TCCTTTCTTC CTCGCTGTC TCCTCACAGT GCTACAGTT
 61 GTTACGGGTT CTGGCTATGC AAGCTCTTCC CCAAGTGGAG AAGAGGAGC TTAGGGCTTCC
 121 CAGGAAAGTT CAGTGGCGAG CTCTACTGAG AAGATGCTG TGATGATGAC AAGCTCCGTA
 181 CTCTCCGGCC ACGGCCGGG TTCAAGGCTTC GCTGCTCTTA GGGGAGGGAA TGTGACTCTG
 241 GCCCCGGCCA CGGAAACAGC TTCAAGGATC AGCTGGCTTA AGCTGACCTC CTGCTCTAGT AGTAACTAGT
 301 GTTACCGTTA CTAGACCCAGC TTAGGGATC AGCTGGCTTC AGCTGACCTC CGGAGCTGG CTTAACATCA
 361 GCTCCGTTATA CTGCTCCGAGC TCCCTGGCTC AGCTGGCTTC AGCTGACCTC CTGCTCTAGT AGTAACTAGT
 421 GCAACCTTTA CAGACCTTC AGCTGGCTTC AGCTGACCTC CGGAGCTGG CTTAACATCA
 481 GCGCCGTTATA CGGCGCCGGC TCCCGGGTACG ACCGGGGGC ACCGGGGGC GGTGACAAAGC
 541 GCACCCGTTATA CGGCGGGGCGC ACCGGGGAACT ACCGGGGAC ACCGGGGAC CTGCTCTAGT AGTAACTAGT
 601 GCGCCGAGCA CTGCTCCGTC GCGAGGCTTC AGCTGGCTTC AGCTGACCTC CGGAGCTGG CTTAACATCA
 661 GCTCCGTTACA CGAGGCTGGC CCCAGGCTTC AGCTGGCTTC AGCTGACCTC CGGAGCTGG CTTAACATCA
 721 GCTTACCAAA CCCCTGGCAGG CAGAGCTT CCATCTCAA TTCCCTGCA CGGAGCTGG CTTAACATCA
 781 ACTCTTACCA CCCCTGGCAGG CCTTGGCAGG AGCTGGCTTC AGCTGACCTC CGGAGCTGG CTTAACATCA
 841 AGCTGGCTTC CTCTCCATTC AGCTGGCTTC CCCAGGTTTC TACCTGGGGTC TACCTGGGGTC
 901 TCTTCTTCTT TCTTCTTCTT TCTCATTTCA BACCTCAAGT TCTTCTTCTT TCTTCTTCTT TCTTCTTCTT
 961 CCCTGGCTTC AGCTTACCA AGAGCTGGAG AGGAGCTGGAG AGGAGCTGGAG ATCTGGGGTC
 1021 TATAAACAGG GGGGTTCCTT GSSCCCTTC AGTATTAAAGT TCTGGGGGGG ATCTGGGGTC
 1081 GTACATTTGA CTCTGGCTTC CCGAGAAAGT ACCCTGGATG TCCCTGGCTTC GGGAGCTGG
 1141 TCTCTCTCTG ATTAACGGAA AGGAGCTTC CGTATTCAGC TCTGGGGGGC AGGCTGGGGC
 1201 GTGAGCTGATG TGCCTTTTC TTCTCTTC CAGCTGGGGG CGGGGGGGC AGGCTGGGGC
 1261 ATCGCGCTTC TGGTGGCTTC CTGTGGCTTC GGGGGGGGG CGGGGGGGC TCTGGGGGG
 1321 TTGGTGGCTTC GCGAGCTGGCG CCGAAGAGAC TACGGGGGGC TGGAGCTTC TCTGGGGGG
 1381 GATACCTAAC ATCCCTTGTAG CGAGTACCC ACCPACACAA CCCATGGGGG CTAGTGTCCC
 1441 CCTAGCTGTA CGGATCTGAG CCCCTTATGG AGGTGTTCTG CAGGTTATGG TGGGAGCTGG
 1501 CTCTCTTACA CAAACCCAGC AGTGGGAGCC ACTTGCTCA ACTTGAG

SEQUENCE OF wMUC-1(6)

Figure 9

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Figure 10

MTPGTQSPFFLLILLITVITYVTGSGHASSTPGGEKETSATQRSSVPSSTEKNAV
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DTRPAPGSTAPPAAHGVTSAPDTRPAPGSTAPPAAHGVTSAPDTRPAPGSTAPPAAH
GVTSAPDTRPAPASTLVHNGTSARATTPASKSTPFSIPTSHSDPTIASHST
KTDASSTTHSTVPPLTSSNHSTSPOQLSTGVSEFTLSFHISNLQFNSSIEDPSTD
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SPYERKVSAGNNGGSSLSTYNPAVAATSANL

AMINO ACID SEQUENCE OF wMUC-1(6),